

Application no. 10/088,757

Amendment dated: February 22, 2005

Reply to office action dated: November 22, 2004

Amendments to the Claims

Please amend claims 1-3 and 5-7 as shown below.

Please add new claims 8-12 as shown below.

Listing of Claims

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A flashing device comprising a detachable, wearable band comprising having:

means contained within the wearable band for sensing movement of the band and generating a trigger signal in response to said movement;

circuit means contained within the wearable band and responsive to said trigger signal to generate an illumination signal; and

at least one light disposed for visibility from the wearable band which is illuminated in response to said illumination signal.

2. (Currently amended) A flashing device as claimed in claim 1, wherein the band is worn wearable on a user's head, neck, waist or arm, and movement of the user causes said at least one light to flash.

3. (Currently amended) A flashing device as claimed in claim 2, wherein the movement means includes comprises a motion switch having a conducting sphere movable in a space defined by a plurality of conducting parts.

4. (Original) A flashing device as claimed in claim 3, wherein the trigger signal is generated when said sphere moves into contact with at least two of said parts.

5. (Currently amended) A flashing device as claimed in claim 4, wherein the circuit means includes comprises an integrated circuit connected to the motion switch and mounted on a printed circuit board integrated in the band.

6. (Currently amended) A flashing device as claimed in claim 1, wherein said at least one light includes LEDs comprises light emitting diodes (LEDs) distributed along said band.

7. (Currently amended) A flashing device as claimed in claim 6, wherein the LEDs include comprise at least two sets of LEDs which are alternately illuminated when said trigger signal is generated.

8. (New) A flashing device wearable by a person to display a person's body motion, the flashing device comprising:

a band configured to be detachably secured around a body part of the person, the band defining a cavity having a surface;

a plurality of light emitting diodes disposed for visibility on the band; contained within the cavity, a flashing circuit comprising:

a voltage source,

a motion switch including a conducting element movable in a space defined by a plurality of conducting parts, the motion switch closing to produce a trigger signal when the movable element contacts two adjacent conducting parts in response to body motion of a person wearing the flashing device,

a control circuit having an interface pin coupled to the voltage source, an input pin coupled to the motion switch and one or more output pins coupled to the plurality of light emitting diodes, the control circuit responsive to receipt of the trigger signal at the input pin to generate a pattern of electrical signals at the one or more output pins for selectively illuminating the plurality of light emitting diodes in a flashing pattern.

9. (New) The flashing device of claim 8 wherein the band comprises an upper mould and a lower mould which together define the cavity and which are joined to form the band.

10. (New) The flashing device of claim 8 wherein the band is sized to be detachably worn on the person's wrist so that movement of the person's wrist controls the rate at which the motion switch closes and the rate at which the control circuit generates the pattern of electrical signals to illuminate the plurality of light emitting diodes in the flashing pattern.

11. (New) The flashing device of claim 8 wherein the plurality of conducting parts comprises at least four electrically conducting rods extending substantially perpendicularly from the surface to form corner points of a square containing the conducting element, a first pair of diagonally opposing conducting rods being electrically coupled to the input pin of the control circuit and a second pair of diagonally opposing conducting rods being electrically coupled to the voltage source.

12. (New) The flashing device of claim 8 wherein the control circuit is operative to stop illuminating the plurality of light emitting diodes after a predetermined period of time.